

### Weather Briefing January 27-28, 2013







## National Weather Service Detroit/Pontiac, MI

http://www.weather.gov/dtx

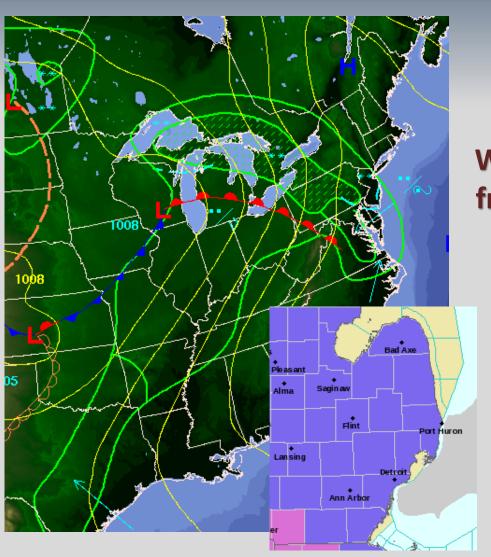
Email: w-dtx.webmaster@noaa.gov





## **Decision Support Briefing**Highlights





### **Event Summary**

Winter Weather Advisory in effect from 7pm tonight to 6am Monday

Light snow changing to freezing rain

Late this evening through early Monday morning

**All of Southeast Michigan** 



### Winter Hazard Risk Assessment



### **Extreme**

High

Moderate

Low



# This Event is a Very Common Event

Little Disruption to Daily Life

Rarely Directly Life Threatening

### **Recovery Time**

Around When Weather Hazard Ends

#### Extreme:

- Historic Weather Hazard/Event
- Life Threatening
- Total disruption of daily life
- Recovery Time: days to one week

#### High:

- Rare Weather Hazard/Event
- Potentially Life Threatening
- Widespread disruption of daily life
- Recovery Time: hours to a couple days

#### Moderate:

- Common Weather Hazard/Event
- Rarely directly life threatening
- Some disruption of daily life
- Recovery Time: +/- 6 hrs of when weather ends

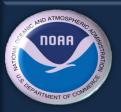


### **Potential Impacts**



Road Conditions	<ul> <li>Slippery road conditions in snow and freezing rain</li> <li>Air Temperatures in the upper 20s this evening then warming into the 40s by Monday afternoon</li> </ul>
Additional Potential Impacts	Possible difficult travel conditions during the night

Power Outage Potential	High	Medium	Low	
Blowing/Drifting Potential	High	Medium	Low	



### **Timing of Winter Weather**



### Beginning

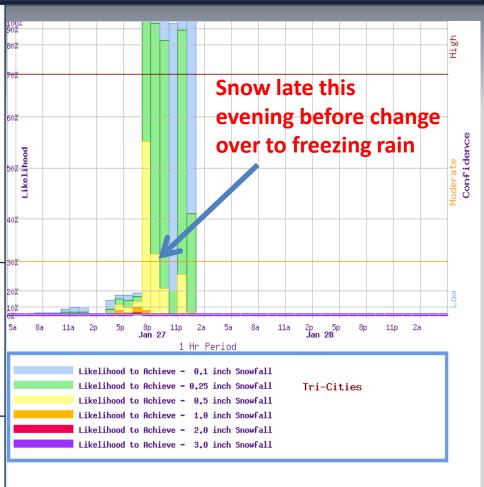
- Snow will spread northeast across SE MI this evening.
- I-94 corridor (Ann Arbor/Detroit) 7-8 pm
- I-69 corridor (Flint/Port Huron) around 7-8pm
- Tri Cities and Thumb Regions around 8-9pm

#### Heaviest

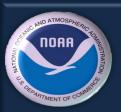
 Heaviest precipitation as a mix of snow and freezing rain is expected between 9pm and 4am

### **Ending**

- Freezing rain changing to rain
- I-94 corridor between 1-3 am
- M-59/I-69 between 3-5 am
- Tri Cities/Thumb by 6 am

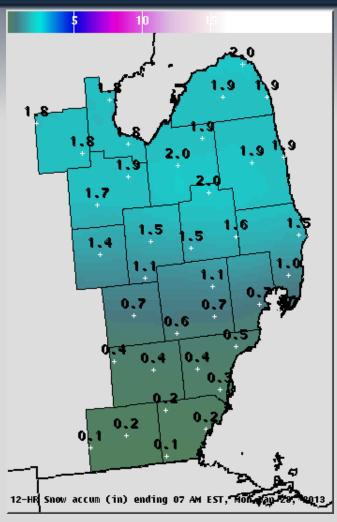


Hourly Snowfall



# Storm Total Snowfall By Monday Morning





Snow Total Through Monday Morning (in inches)

#### **Snow Accumulation**

- 1 to 2 inches: Tri Cities and Thumb
- .5 to 1 inch: M-59 and I-69 corridor

#### **Type of Snow**

Wet/Heavy snow

### **Additional Hazards**

Ice Accumulation of less than a tenth of an inch



## **Decision Support Briefing**Summary

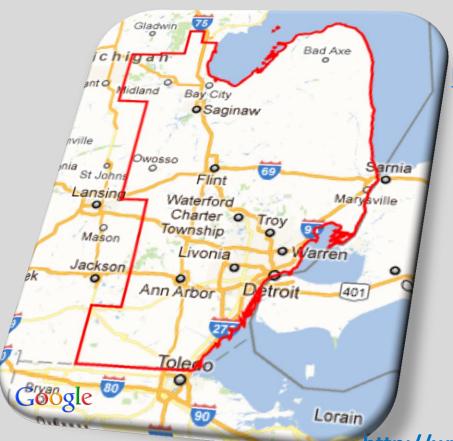


What	Where	Timing	Impacts
Snow 1-2 inches	M-59 north into the Tri Cities and Thumb	8 PM(SUN) – 4 AM(MON)	Snow covered and slippery roadways
Ice < .10 of an inch	Possible in all areas, with the least amount towards the Ohio border	10 PM(SUN) – 4 AM(MON)	Slippery roadways



### **Additional Information**





**Local Hazards Page** 

http://www.weather.gov/detroit/svr.php

**Great Lakes Marine Portal** 

http://www.weather.gov/greatlakes

**Hourly Wind Probabilities** 

http://www.crh.noaa.gov/dtx/?n=pwind

**Hourly Snowfall Probabilities** 

http://www.crh.noaa.gov/dtx/?n=hourlysnowprobabilities



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